1. A process for manufacturing to a desired shape and dimensions, a homogeneous shaped charge liner which comprises:

selecting a free-flowing powder of agglomerated nodules of a first metal and of a second metal having a higher specific gravity and a higher melting point than said first metal, wherein each of said nodules comprises an agglutination of sub-nodules wherein each of said sub-nodules include at least one particle of said first metal and at least one particle of said second metal bonded together;

pressing a volume of said powder into a compact;

sintering said compact at a temperature sufficient to melt said first metal to form a sintered body; and

coining said sintered body into a composite body having said desired shape and dimensions.

2. The process of Claim 1, wherein said step of pressing comprises shaping said compact to a near net-shape of said desired shape.

3. The process of Claim 1, wherein said pressing comprises tap-molding said volume.

4. The process of Claim 1, wherein said pressing comprises compacting said volume into a mold at room temperature.

5. The process of Claim 1, wherein said selecting comprises selecting said second metal from a group consisting of metals and alloys having a specific gravity of at least 10 grams/cm^3.

6. The process of Claim 5, wherein said second metal is selected from the group consisting of tungsten, molybdenum, and alloys thereof.

7. The process of Claim 5, wherein said first metal is selected from the group consisting of copper and alloys thereof.

8. The process of Claim 1, wherein:

said selecting comprises selecting copper as said first metal and tungsten as said second metal; and

said sintering comprises sintering at a temperature between about 1090°C and 1230°C.

9. The process of Claim 1, wherein said step of selecting comprises selecting a aggregate powder consisting of particles of the first and second metals, breakably bonded together into nodules and sub-nodules.

10. In the process of manufacturing a shaped charge liner for use in perforating wells by pressing a volume of powdered metal particles of different densities, an

improvement which comprises:

using a free-flowing powder of preclustered nodules of said metal particles of different densities.

11. A process for fabricating a shaped charge liner for perforating a well comprises:

selecting a free-flowing powder of pre-agglomerated particles of different density metals; and

forming a volume of said powder into a shaped charge liner.

12. The process of Claim 11, wherein said forming comprises press-molding said volume into a compact.

13. The process of Claim 11, wherein said forming comprises tap-molding said volume into a compact.